

ClubSpot 600 CT- DMX protocol - version 1.0

Mode/Channel				Function	Type of control
Mod1	Mod2	8bit	Value		
1	1	1	0 - 255	Pan Pan movement by 530°	proportional
3	2		0 - 255	Pan Fine Fine control of pan movement	proportional
2	3	2	0 - 255	Tilt Tilt movement by 280°	proportional
4	4		0 - 255	Tilt fine Fine control of tilt movement	proportional
5	5	3	0	Speed of Pan/Tilt movement Max. speed (tracking mode)	step
			1-249	From max. speed to min.speed (vector mode)	proportional
			250-252	Max.speed (tracking mode),black-out while colour wheels moving or gobos changing	step
			253-255	Max.speed (vector mode),black-out while colour wheels or pan/tilt moving or gobos changing	step
6	6	4	0 - 127	Fans speed control,Lamp on/off,reset Fans speed from max. to min.	proportional
			128-139	Lamp ON,reset	step
			140-229	No function	step
			230-239	Lamp OFF after 3 sec.	step
			240 - 255	No function	step
7	7	5		Colour wheel 1 <u>Continual Positioning</u>	
			0	Open/white	proportional
			13	Light blue	proportional
			26	Red	proportional
			38	Blue	proportional
			51	Light green	proportional
			64	Yellow	proportional
			77	Magenta	proportional
			90	Cyan	proportional
			102	Green	proportional
			115	Orange	proportional
			128-189	Forwards rainbow effect from fast to slow	proportional
			190-193	No rotation	step
			194-255	Backwards rainbow effect from slow to fast	proportional
			0-255	<i>Colour macro selection(Set channel 8 (6) at range 128-255) 64 different colours in following order:white,pink,magenta,red,orange,yellow,green,cyan,blue,UV.</i>	<i>proportional</i>
8	8	6		Colour wheel 2 <u>Positioning</u>	
			0-11	Open/white	step
			12-23	Deep red	step
			24-35	Deep blue	step
			36-47	Pink	step
			48-59	Cyan	step
			60-71	Magenta	step
			72-83	Yellow	step
			84-95	5600 K correction filter	step
			96-107	3200 K correction filter	step
			108-119	UV Filter	step
			120-127	White	step
			128-255	Enable macro colour function on channel 7 (5)	step
9	9	7	0	Prism Open position (hole)	step
			1-63	Forwards rotation from fast to slow	proportional
			64	No rotation	step
			65-127	Backwards rotation from slow to fast	proportional
				<u>Prism/gobo macros</u>	
			128-135	Macro 1	step
			136-143	Macro 2	step
			144-151	Macro 3	step

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Mod1	Mod2	8bit			
9	9	7	152-159	Macro 4	step
			160-167	Macro 5	step
			168-175	Macro 6	step
			176-183	Macro 7	step
			184-191	Macro 8	step
			192-199	Macro 9	step
			200-207	Macro 10	step
			208-215	Macro 11	step
			216-223	Macro 12	step
			224-231	Macro 13	step
			232-239	Macro 14	step
			240-247	Macro 15	step
			248-255	Macro 16	
10	10	8	0-7	Static gobos Open/hole	step
			8-15	Gobo 1	step
			16-23	Gobo 2	step
			24-31	Gobo 3	step
			32-39	Gobo 4	step
			40-47	Gobo 5	step
			48-55	Gobo 6	step
			56-63	Gobo 7	step
			64-71	Gobo 8	step
			72-79	Gobo 9	step
				<i>Shaking gobos with variable speed</i>	
			80-95	Gobo 1	proportional
			96-111	Gobo 2	proportional
			112-127	Gobo 3	proportional
			128-143	Gobo 4	proportional
			144-159	Gobo 5	proportional
			160-175	Gobo 6	proportional
			176-191	Gobo 7	proportional
			192-207	Gobo 8	proportional
			208-223	Gobo 9	proportional
			224-255	Gobo wheel rotation from slow to fast	proportional
11	11	9	0 - 31	Rotating gobos Open/hole	step
			32-63	Rot.gobo 1 (multicolour dichroic)	step
			64-95	Rot.gobo 2	step
			96-127	Rot.gobo 3	step
			128-159	Rot.gobo 4	step
			160-191	Rot.gobo 5 (dichroic)	step
			192-223	Rot.gobo 6	step
			224-255	Rot. gobo wheel cont. rotation from slow to fast	proportional
12	12	10	0-127	Rotating gobo indexing and rotation Gobo indexing	proportional
			128-190	Forwards gobo rotation from fast to slow	proportional
			191-192	No rotation	step
			193-255	Backwards gobo rotation from slow to fast	proportional
13	13	11	0	Iris Open	step
			1-179	From max. diameter to min.diameter	proportional
			180-191	Closed	step
			192-223	Pulse closing from slow to fast	proportional
			224-255	Pulse opening from fast to slow	proportional
14	14	12	0-85	Focus,multistep zoom Zoom 15°-continuous adjustment from far to near	proportional
			86-170	Zoom 18°-continuous adjustment from far to near	proportional
			171-255	Zoom 22°-continuous adjustment from far to near	proportional
15	15	13	0-31	Shutter,strobe Shutter closed	step
			32-63	Shutter open	step
			64-95	Strobe-effect from slow to fast	proportional
			96-127	Shutter open	step
			128-143	Closing pulses from slow to fast	proportional
			144-159	Opening pulses from fast to slow	proportional

Mode/Channel				Function	Type of control
Mod1	Mod2	8bit	Value		
15	15	13	160-191 192-223 224-255	No function Random strobe -effect from slow to fast Shutter open	step proportional step
16	16	14	0 - 255	Dimmer intensity Closed to open	proportional